

TYLER DURETTE

DevOps Engineer

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OBJECTIVE

Ambitious, versatile DevOps Engineer with 5+ years of experience seeking a junior to senior-level position where I will be able to build my career, challenge myself, and expand my skills. Eager to fuse my passion and expertise of AI, data, and automation with my background in DevOps/Software to make meaningful contributions to a team and drive next-gen solutions.

EDUCATION

James Madison University

Harrisonburg, VA | May 2021

Bachelor of Science: Integrated Science and Technology

Concentration in Telecommunications, Networking, and Security

Activities and societies: ISAT Honor Society, Sigma Phi Epsilon

SKILLS

- AI Agent Development & Automation Pipelines
- AI Model Embedding & Fine Tuning
- Shell scripting
- Python
- IaC tools (Terraform, Ansible)
- CICD (Jenkins, Nexus, GitHub Actions)
- Linux System Configuration & Troubleshooting
- Docker/Containerization
- Machine Learning Algorithms & Predictive Modeling
- Data Analytics
- AWS/Cloud Engineering
- Robotics, ROS, NML

PROFESSIONAL EXPERIENCE

DevOps Engineer

Booz Allen Hamilton | March 2023 - Present

- Constructed AWS GovCloud VPC from the ground up with team of 7-8 engineers for Veterans Affairs to lift-and-shift their outdated infrastructure from on-prem hardware to the cloud in order to help deliver veterans their benefits significantly faster through their various applications
- Developed and designed the entire cloud using Infrastructure as Code (IaC) principles and tools, including a significant amount of Terraform with GitHub Actions to provision resources (EC2, SG, LB, IAM policies, and more); and then Ansible workflows organized using roles and inventories for 10+ applications across 5 environments to configure and install the services on the EC2s from a runner instance
- Maintained Jenkins and Nexus instances and took on responsibility as system admin for those applications during the migration process, playing a large part in helping debug and getting their on-prem jobs building with up-to-date packages and systems

DevOps Engineer

Forterra (previously RR.ai) | August 2021-March 2023

- Containerized our autonomy software in a network of Docker images+containers to replicate real vehicle configurations, and integrated them with third-party simulation software that provides various kinds of real-life data and displays necessary for most immersive and effective simulation
- Scripted a workflow of Bash and Python scripts to run simulation containers with new code builds deployed from our CI/CD pipeline; in which engineers now use daily for development and testing
- Maintained current CI/CD pipeline on Jenkins and assisting in the development of more robust CI/CD pipeline using Jenkins, GitLab, BlueOcean, Conan, Artifactory, and Groovy scripts
- Spearheaded upgrade of our source code to compile in newer version of Linux and assisted in migration of various projects from Subversion to GitLab Version Control
- Redesigned the deployment process of our Linux kits using Clonezilla, Ansible, and Bash scripts - reducing our deployment time from days to hours

PROJECTS

MMA AI (iOS)

apps.apple.com/mma-ai | 2025

- Native iOS application deployed to the App Store that I built in XCode for providing AI-driven fight predictions, statistics and more from the UFC
- Integrates various data pipelines and services including the OpenAI assistants and responses API's to create a live AI chatbot inside the application

MLB, MMA, and NFL AI & Data Dashboards

mlb-ai.streamlit.app - mma-ai.streamlit.app - nfl-ai.streamlit.app | 2023-2025

- Streamlit dashboards for MLB, NFL, and UFC that include numerous utilities such as dense historical datasets for exploration, predictive models and originated odds using machine learning algorithms such as XGBoost, line tracking and movement graphs, and more
- Numerous automated daily and weekly data scraping and cleaning from home Raspberry Pi server

AI Templates & Local Builds

github.com/bestisblessed/ai-templates - github.com/bestisblessed/ai-local-builds | 2024-2025

- Numerous examples of AI workflows using different models, agents, tools from different AI frameworks and companies (ollama, langchain, pydantic, open interpreter, claude code, etc.)

The Fight Predictor Agent

x.com/TheFightAgent | 2025

- Automated AI Agent deployed on Twitter designed for fight analysis